CS6200 Graduate Intro to OS
SUMMER 2024

Week	Start	End	Lessons	Exams/Project Deadlines/Milestones *	Holiday/GT deadline	Papers
1	13-May		P1L1, P1L2, P2L	*install and configure class environment*		
2	20-May		P2L2, P2L3	*P1 warm-ups; config programming tools*		Birrel, Andrew, An Introduction to Programming with Threads.
3	27-May		P2L4	*Pthreads single threaded implementation*	5/27 Institute Holiday	Eykholt, J.R., et. al., "Beyond Multiprocessing: Multithreading the Sun OS Kernel".; Stein, D. and D. Shah, Implementing Lightweight Threads
4	3-Jun		P2L5	**Project 1: 6/10**		https://s3.amazonaws.com/content.udacity-data.com/courses/ud923/references/ud923-pai-paper.pdf
5	10-Jun		P3L1	**MIDTERM: 3pm EST 6/13 - 6/17**		Fedorova, Alexandra, et. al., "Chip Multithreading Systems Need a New Operating System Scheduler
6	17-Jun		P3L2, P3L3	*Project 3 Part I complete*	6/19 Institute Holiday	
7	24-Jun		P3L4	*Shared memory design complete; single threaded implementation done*	drop date: 6/29	Anderson, Thomas E., "The Performance of Spin Lock Alternatives for Shared-Memory Multiprocessors".
8	1-Jul		P3L5, P3L6	**Project 3: 7/3**	7/4-5 Institute Holiday	Popek, Gerald and Robert Goldberg, "Formal Requirements for Virtualizable Third Generation Architectures"; Rosenblum, Mendel and Tal Garfinkel, "Virtual Machine Monitors: Current Technology and Future Trends"
9	8-Jul		P4L1	*Understanding of RPC toolchain and development process, Part I complete*		Birrell, Andrew, and Bruce Nelson. "Implementing Remote Procedure Calls"
10	15-Jul		P4L2, P4L3	**Project 4: 7/21**		Nelson, Michael N., et. al., "Caching in the Sprite Network File System". Protic, Jelica, et al., "Distributed Shared Memory: Concepts and Systems".
11	22-Jul		P4L4	**FINAL: 3pm EDT 7/25 - 7/29**		
12	29-Jul					

*** Tentative project deadlines**

Project 1:	10-Jun	programming (multithreading)
Project 2:		Not part of summer session requirements
Project 3:	3-Jul	programming (shared memory, IPC)
Project 4:	21-Jul	programming (RPC)

**** italic text represents recommended milestones, no submissions are required***